Sheet	1	of	1

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 15468-004001	Application No. Unknown	
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Keiji Hashimoto et al.		
		Filing Date	Group Art Unit	
		July 31, 2003	Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or		_ 	Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL	JP2000- 294256A	10/20/2000	Japan			X	
	AM	JP10-228914	8/25/1998	Japan			X	
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Other Documents (include Author, Title, Date, and Place of Publication)				
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